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Commonwealth of Massachusetts
Division of Professional Licensure
Office of Public Safety and Inspections
Board of Building Regulations and Standards
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REGULATION

LAYLA R. D'EMILIA
COMMISSIONER, DIVISION OF
PROFESSIONAL LICENSURE

Agenda

STATE BOARD OF BUILDING REGULATIONS AND STANDARDS
BUILDING OFFICIAL CERTIFICATION COMMITTEE

May 4, 2021 @ 9:30 a.m.

Virtual

Microsoft Teams meeting

Join on your computer or mobile app

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Or call in (audio only)

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Phone Conference ID: 855 443 042#

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Meeting called to order by the Chairman at _____ followed by roll call:

1. Roll Call

- | | | |
|---|----------------------------------|---------------------------------|
| a. Bill Horrocks, Chairman, <i>BBS Representative</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| b. Robert Speroni, Vice-Chairman, <i>MetroWest</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| c. Michael Giampietro, <i>Member at Large</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| d. David Fuller, <i>MBCIA</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| e. Bonnie Weeks, <i>Member at Large</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| f. Andrew Bobola, <i>Member at Large</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| g. Michael Clancy, <i>SEMBOA</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| h. Jeffrey Clemons, <i>BOWM</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| i. Roger Fuller, <i>MMA Representative</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| j. John Naff, <i>Member At Large</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |
| k. Vacant, <i>Member of Academia</i> | <input type="checkbox"/> present | <input type="checkbox"/> absent |

Guest Present:

Kimberly Spencer, Office of Public Safety and Inspections

2. Members present reviewed the minutes from the last meeting on March 2, 2020; motion to approve these minutes was made by _____, seconded by _____.



3. Application for Certification Packets:				
a) Fowler, Paul M	Town of Wellfleet	Massachusetts Building Commissioner Appointed 11/2/2020 Local Certification 3/5/2019 88 CEU's <i>Copies of all exams have been received</i>	Motion	Second
b) Mello, Jeffrey S.	Town of Seekonk	Local Inspector Appointed 12/22/2020 Quals approved 3/3/2020 0 CEU's <i>Copies of all exams have been received</i>	Motion	Second
c) Walters, F. Davis	Town of Orleans	Local Inspector Appointed 3/11/2019 Quals Approved 5/8/2019 0 CEU's (26 credit hours received 4/27/2021) <i>Copies of all exams have been received</i>	Motion	Second
4. Examination Approval Packets <i>(Copies of resumes provided today)</i>				
a) Bassett, Randall	No Affiliation (Brewster)	Qualifications Local and/or I of B <i>Qualifications TABLED for more info April 6, 2021</i>	Motion	Second
b) Broussard, Joseth	No Affiliation (Hampden)	Qualifications Local and/or I of B <i>Qualifications DENIED April 6, 2021</i>	Motion	Second
c) Droggitis, Dennis	No Affiliation (Peabody)	Qualifications Local and/or I of B <i>Qualifications TABLED for more info April 6, 2021 additional info not received</i>	Motion	Second
d) Forand, Richard	No Affiliation (Rochester)	Qualifications Local and/or I of B <i>Qualifications DENIED April 6, 2021</i>	Motion	Second
e) Johnson, William	No Affiliation (Marlborough)	Qualifications Local and/or I of B	Motion	Second
f) Nong, Mony S.	No Affiliation (Revere)	Qualifications Local and/or I of B	Motion	Second
g) Ruggiero, Kellee	No Affiliation (Andover)	Qualifications Local and/or I of B	Motion	Second

h) Sherman, Jeanice	City of Worcester	Qualifications Local and/or I of B <i>Acknowledge NERF May 4, 2021</i>	Motion	Second
i) Tusino, James	No Affiliation (Seekonk)	Qualifications Local and/or I of B	Motion	Second

5. New Employee Report Form Packets:

Footnote:

R7.1.7.4 **Conditional appointments** 7. Any individual conditionally appointed as an inspector of buildings/building commissioner shall first be certified as a local inspector. February, 2011'

September 4, 2013 ~ On a **MOTION** by Bill Horrocks and **SECONDED** by Bonnie Weeks it was voted to review and Acknowledge each *New Employee Report Form* individually

a) Bennett, Bret	Town of Reading	Acknowledge NERF Building Commissioner Appointed 4/12/2020 I of B Certification 4/6/2021 32 CEU's Signed by <i>Town Manager</i>	Motion	Second
b) Erickson, John T.	Town of Stoughton	Acknowledge NERF Building Commissioner Appointed 4/28/2020 I of B Certification 2/3/2010 48.5 CEU's Signed by <i>Town Manager</i>	Motion	Second
c) Mullen, Edward	City of Amesbury	Acknowledge NERF Building Commissioner Appointed 4/22/2021 I of B Certification 3/5/2019 86.5 CEU's Signed by <i>Mayor</i>	Motion	Second
d) Negron, Jose	Town of Chelmsford	Acknowledge NERF Building Commissioner Appointed 4/5/2021 I of B Certification 8/4/2020 80 CEU's Signed by <i>Town Manager</i>	Motion	Second
e) Salamone, Angelo	Town of Georgetown	Acknowledge NERF Building Commissioner Appointed 2/22/2021 (previously appointed 10/4/2019) Local Certification 4/1/2019 51.5 CEU's Signed by <i>Chairman</i>	Motion	Second
f) Sherman, Jeanice	City of Worcester	Acknowledge NERF Local Inspector Appointed 4/20/2021 <i>Quals to be reviewed 5/4/2021</i> 0 CEU's Signed by <i>City Manager - OK</i>	Motion	Second
g) White, Walter	Town of Sturbridge	Acknowledge NERF Building Commissioner Appointed 4/6/2021 I of B Certification 1/16/1998 69 CEU's Signed by <i>Chairman</i>	Motion	Second

6. Extension Requests to be Certified Packets:

Footnote:

R7.1.7.4.1 Requests for exam schedule extension. Upon written petition to the BOCC, any conditional appointee unable to comply with the examination schedule as cited in R7.1.7.4 may for cause, be granted an extension of time in order to comply. Petitions shall be forwarded to the clerk of the BOCC on forms for such purpose, and addressed to the office of the BBRS. The conditional appointee shall state all reasons to substantiate the request for an extension of time. Conditional appointees who have not attempted the examination schedule as herein defined during the prescribed period shall not be granted an extension, and no conditional appointee shall be afforded more than three extensions of time beyond the prescribed period for the level of certification sought. **'January 1, 2008'**

a) None				
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7. Hearings:

Footnote:

R7.4.1.4 Decisions and discipline of certification holders. The BOCC shall issue a written decision after the hearing. Decisions shall be issued in a reasonably prompt manner. **The decision of the BOCC shall serve as a recommendation to the BBRS and shall be promptly forwarded by the Administrator to the full board for review.** If after a hearing the BOCC finds that the holder has violated any provision of R7.4.1.5, it may recommend suspension of a certification for a fixed period of time, revocation of a certification permanently, or a reprimand of the certification holder. Further, the BOCC may recommend that any order include appropriate remedial or disciplinary conditions. Once forwarded to the BBRS, the board shall either, adopt the recommendation in its entirety, adopt the recommendation with amendment, reject the recommendation in its entirety, or remand the matter to the BOCC further proceedings. A certificate holder whose certification is revoked may apply in writing to the Board for reinstatement no sooner than one year from the date of the revocation.

Martins, Jorge BOCC 5-2021	City of Revere	Qualifications were denied April 6, 2021 Review/Acknowledge NERF Appointment Date March 1, 2021
Cartier Creveling, Ernest BOCC 6-2021	No Affiliation	Qualifications were denied April 6, 2021

8. Review Application for Continuing Education - Exhibit Items attached

At the September 14, 2020 Board of Building Regulation and Standards (BBRS) meeting, BBRS members voted to extend the current training cycle, to maintain certification, through December 31, 2021.

The continuing education submitted was reviewed by members present; **motion to approve was made by ____, seconded by ____. Motion passed by unanimous vote.**

(*) Courses previously approved

Name	Date	Course Description	CEU's	Cat	Course No.
Ian McCallion	4/5/2021	Buildings and Homes in Flood Hazard Areas: Connections at or below Design Flood Elevations	1.0	1	
	4/5/2021	Decks, Porches and Boardwalks in Flood Hazard Areas	1.0	1	
Al Legee	9/16- 17/2020	OSHA 7210 Pandemic Illness Preparedness - recognition of hazards & risks associated with pandemic illness event and development of strategies to assist a business, community, or family with realistic preparation for a pandemic event. Topics include impact of a pandemic illness event on a business and community, critical elements of a preparedness plan and realistic strategies for supporting continuity of operations.	8.0	1	

Joseph Murray	3/5/2021	Designing for Long-Term Performance and Durability of Traditional Clay Tile and Slate Roofing offered by Simpson Gumpertz & Heger	1.0	1	
	3/12/2021	The Value of Resilience offered by Simpson Gumpertz & Heger	1.0	1	
	2/19/2021	Dimension Stone Cladding: Evaluating natural building Materials and Designing for Durability offered by Simpson Gumpertz & Heger	1.0	1	
	2/26/2021	Performance-Based Alternative to Standard Fire Resistance Design	1.0	1	
Code Red	3/17/2021	Third Party Firestopping Special Inspections - What Building Officials Need to Know	1.5	1	
	4/21/2021	Fire Protection Documentation and Permitting	1.5	1	
John Moran James Marot	3/31/2021	Introduction to ASCE/SEI 41, Seismic Evaluation and Retrofit of Existing Buildings offered by FEMA	1.5	1	
ESBOF	4/8/2021	MASS Timber Construction ICC# 27675	6.0	1	
	4/22/2021	Applying the Codes to cannabis Facilities	6.0	1	
Robert Borden	4/15/2021	MAT232 CLT Discussion Panel: Where we've been, Where we are and Where we're going offered by Wood Council ICC# 27679	1.5	1	
	4/14/2021	Making Substantial Damage Determinations Part 2	1.5	1	
Russell Wheeler	4/14/2021	Gypsum: Protections against moisture, innovative cement board applications, and UL fire resistance directories offered by NHBOA	3.01	1	
Jeromy Richardson	2/11-12/2021	New York National Engineers Week 2021			
		Conducting a Failure Analysis - review practical guideline to finding the physical causes of a failure, understanding the underlying human and latent roots of the incident. Examples of analyses & their projected results	1.0		
		How the next Generation of Humans, AI, and Machines will impact critical infrastructure - next generation mission critical engineer will bridge the gap and blend new technologies/intelligence as our digital world doubles. Are we ready for human-enhancing innovations such as AI, machine learning, robotics and AR/VR to meet our need?	1.0		
		The Advantage of Solid Section Beams and Columns - highlights unique design advantages of solid section engineered lumber products versus built-up members. Understand how and when to use solid section beams and cautions and considerations with built-up members in design and insulation for beams & columns.	1.0		
		National Register of Historic Places Restoration: Building Science, Structural and Budget Challenges - challenges associated with the restoration of a building listed on the National Register of Historic Places that was slated for demolition.	1.0		
		Technical Introduction to Cellular Concrete and Advanced Engineered Foam Technology - will answer the basic questions of cellular concrete. Will showcase project histories to relate the applications to real world geotechnical challenges, how traditional cellular concrete technology is advancing to meet challenging project parameters.	1.0		
		Pavement Construction Using Precast Concrete Pavement Slabs - innovative slab-on-grade Super-Slab System for using fully-cured precast concrete slabs for overnight repair of highway trouble spots.	1.0		
		Automatic Transfer Switch Basics - Introduction to Automatic Transfer Switch (ATS); definitions and functions of an ATS, physical elements, how to transfer loads.	1.0		
		Geophysics for Geotechnical and Environmental Investigations - Geophysics is an important tool in determining subsurface conditions for environmental and engineering sites; electromagnetic, seismic, ground penetrating radar and electrical resistivity.			

Joe Levrault		Training received through BOAF - Building Officials Association of Florida			
	12/10/2020	Use and Occupancy in the FBC 7 th Edition - knowledge and understanding of the changes of the 2020 FBC 7 th Edition	4.0		
	11/18/2020	Significant changes to the 7 th edition (2020) Florida Building Code, Mechanical	2.0		
	5/22/2019	Damage Assessment Workshop - Wind, Flood, Fire and Other Natural Disasters	4.0		
	12/8/2020	NFPA 1021 Fire and Life Safety Inspections - education for Fire Code Administrator	1.0		
	11/19/2020	Design of Wood Connections: Connect Design Theory offered by Hanley Wood	1.0		
	11/19/2020	Design of Wood Connections: Fastener Types offered by Hanley Wood	1.0		
	11/19/20	Design of Wood Connections: Connection Techniques offered by Hanley Wood	1.0		
	11/19/2020	Design of Wood Connections: Connection Design Examples offered by Hanley Wood	1.0		
	11/16/2020	School Fire and Life Safety Inspection - education for Fire Code Administrator	1.0		
	11/11/2020	NFPA 1001 Fire Detection, Alarm & Suppression Systems - education for Fire Code Administrator	1.0		
	11/11/2020	High Rise Fire and Life Safety Inspection - education for Fire Code Administrator	1.0		
	11/11/2020	NFPA 1001 Building Construction - education for Fire Code Administrator	1.0		
	11/9/2020	Fire Alarm Systems - education for Fire Code Administrator	1.0		
	11/6/2020	Building Construction - education for Fire Code Administrator	1.0		
	11/6/2020	Assembly Occupancy Fire and Life Safety Inspection - education for Fire Code Administrator	.5		
	2/8/2021	NFPA 1021 Professional Ethics - education for Fire Code Administrator	1.0		
	2/5/2021	NFPA 2021 Legal Responsibilities and Liabilities - education for Fire Code Administrator	1.0		
	11/19/2020	Engineered Wood basics: Structural Wood Panel Grades & Applications offered by Hanley Wood	1.0		
	2/2/2021	Ethics for Construction Professionals	1.0		
	2/23/2021	Significant Changes to the 7 th Edition (2020) Florida Building Code, Energy Conservation	2.0		
	1/12/2021	2018 IFGC Significant Changes	2.0		
	8/10/2020	Course 101 - Unit 3 Understanding Engineered offered online by Wood Products	1.0		
	9/25/2019	How to Inspect Metal Plate Connected Wood Trusses offered by MiTek	1.0		
	11/20/2019	Into to Wind Design in Residential Wood Frame Construction offered by MiTek	1.0		
	11/21/2019	Increasing Our Resiliency to Urban Flooding	1.0		
	8/12/2020	Significant changes to the 7 th edition (2020) Florida Building Code Building Volume Chapters 1-7	2.0		
	10/18-19/2018	Florida Building Code Training			
		Accessible Routes Under the Florida Accessibility Code	2.0		
		FMA/AAMA 100 Window Installation	2.0		
		Townhouse Fire & Life Safety Provisions	2.0		
		Wind Mitigation Opening Protection Under the FBC-Residential Volume 6 th Ed	1.0		
		FMA/AAMA 200 Window Installation	1.0		
		6 th Ed FBC-R Mechanical, Plumbing & Fuel Gas Provisions	1.0		
		Laws & Rules Update	2.0		
		OSHA 1926 Silica Standard for Construction	1.0		
		Ethics for Construction Professionals	1.0		

	4/16/2020	ASFPB Webinar, Coastal Issues: Natural-based Solutions for Floodplain Managers	1.0		
	4/27/2020	ISO & FEMA webinar to assist with communication of important CRS info when cannot gather for meetings in person	1.0		
	4/24/2020	Outside 2020: Sharing Perspectives - promoting sustainable landscaping in Florida	1.0		
	3/31/2020	ASFPM Webinar, Subdivision Design for Flood Resilience, Part 1	1.0		
	4/2/2020	ASFPM Webinar, Subdivision Design for Flood Resilience, Part 2	1.0		
	1/29/2020	Module A - Introduction to Engineered Wood Products offered by APA	1.0		
	11/13/2019	FBC Advanced Training: 2017 Residential Swimming Pools 2017 FBC Advanced Module: ANSI-15 and ANSI-7 Flow Requirements and TDH	4.0		
	9/16/2020	Significant Changes to the 2017 NEC, Chapter 1-2	2.0		
	4/7-9/2020	FEMA Virtual Conference Working Uni-Virtual-ly to Stop Flooding	8.0		
John Downey	4/27/2021	LEED Pilot Credit: Integrative Analysis of Building Materials offered by HanleyWood	1.0	1	
	4/27/2021	Reducing Fire Risk at the Perimeter of high Rise Structures	1.0	1	
	4/28/2021	Fire Performance of Insulated Metal Panel Systems offered by HanleyWood	1.0	1	
	4/28/2021	Beyond ADA: Multigenerational Public Restroom Design offered by HanleyWood	1.0	1	
	4/28/2021	Insulated Masonry Veneer Systems offered by HanleyWood	1.0	1	
Stephen Dupre	11/14/2019	ICC - 2015 IEBC Overview - offered through CT Building Officials Assoc	6.0	1	
	12/13/2018	ICC - 2012 to 2015 IRC and IBC Updates offered through CT Building Officials Assoc	6.0	1	
	9/20/2019	ICC - 2018 IBC Essentials and Changes offered through CT Building Officials Assoc	0		
	1/17/2019	ICC - 2015 IRC Performing Residential Building Inspections offered through CT Building Officials Assoc	6.0	1	
	4/2/2018	NEC & IRC Electrical Updates with P.V. Systems National Electrical Code & the IRC Electrical Updates with Photo Voltaic System Requirements	3.0		
	12/4/2020	High-Piled Combustible Storage Plan Review offered by MBOIA (Maine)	3.0		
SBI	3/8/2021	Energy Systems / 10 th Edition	2.0	1	SBI-0321
District 4	3/31/2021	Appeal Board Training	2.0	2	D4-0321
District 11	4/6/2021	Skyline Joist Repair Product	2.5	2	A11-0421
BOWM	8/20/2020	Fire Protection Documentation and Permitting by Code Red	1.5	1	WM-0820
	12/16/2020	Mass Timber is Here! How designers aren't letting adoption of the 10 th edition get in the way of building taller buildings offered by Code Red	1.5	1	WM-1220
MetroWest	4/20/2021	Zoning and Siting 101 for Substance Abuse Treatments Centers / 21 st Century Building department	3.0	1	MW-0421

8b. Review Application for Continuing Education - Exhibit Items attached

The BOCC previously reviewed and approved the following completed continuing education. The building official's training report was updated with the credit hours.

Name	Date	Course Description	CEU's	Cat	Course No.
Albert Legee	2/20/2021	OSHA 10 Safety Card	10.0	1	C-035*
	2/22/2021	Fall Protection	2.0	1	C-2848*
Chris Clemente	4/6/2021	Municipal Hearings Officer Training	2.0	1	C-1916*
Robert deSousa	3/24/2021	Energy - Building Systems Commissioning: Saving Money and Meeting Code (Comm 8.1 2018)	1.0	1	C-3615*

	3/26/2021	Energy - Documentation for Energy Code Permit Applications (Comm 4.1 2018)	1.0	1	C-3610*
	3/26/2021	Energy - Third-Party Documentation & Does LEED = Code? (Comm 4.2 2018)	1.0	1	C-3611*
	3/26/2021	Energy - Designers,Bldrs & Code Officials Work Together for Energy Code Comp (Comm 4.3 2018)	1.0	1	C-3612*
	3/31/2021	Energy - The Energy Code and Additions, Alteration, and Repairs (Resd 1.3 2018)	1.0	1	C-3594*
	3/31/2021	Energy-COMcheck 101 offered by PSD	1.0	1	C-3009*
Richard Dicks	9/17/2020	ICC - Common IRC Mistakes offered by Building Code College ICC# 23961	1.5	1	IC-351*
F. David Walters	3/31/2021	MA Building Official IBC-IRC-780 CMR 10 hr CE #2 online	10.0	1	C-3320*
	4/1/2021	MA Building Official IBC-IRC-780 CMR 10 hr CE #1 online	10.0	1	C-3321*
	4/7/2021	MA Building Official IBC-IRC-780CMR 6hr CE #3	6.0	1	C-3314*
Joseph Levrault	8/10/2020	Boring & Notching in Wood-Frame Const Simpson Strong-Tie ICC# 13482	1.0	1	C-2940*
	8/10/2020	Course 101 - Unit 1 Understanding Engineered offered online by Wood Products	1.0	1	C-2961*
John Downey	4/27/2021	New options for Insulating and Ventilating Wood Framed Sloped Roofs by HanleyWood University	1.0	1	C-3462*
	4/27/2021	Thermal Bridging Solutions for Buildings offered on-line through Hanley Wood University	1.0	1	C-3407*
Stephen Dupre	10/2/2020	Building Codes for Basement Finish - NEBOEA 2020	3.0	1	C-3494*

9. Additional Business / Other matters as not reasonably anticipated 48 hours in advance of meeting

a. For Informational purposes:

There are currently:

- * Active and Retired: 810 certified building inspectors
 - o 481 Inspector of Buildings
 - o 329 Local
- * Active ONLY: 635 certified building inspectors
 - o 336 Inspector of Buildings
 - o 234 Local
 - o 65 Conditional local building inspectors
- * Qualifications Approved
 - o 677 individuals' qualifications have been approved to take the exams, not currently affiliated
- * 698 certified building inspectors required to have 45 credit hours
 - o 497 More than 45 credit hours
 - o 172 Less than 45 credit hours
 - o 34 between 44 - 40 credit hours
 - o 138 Less than 40 credit hours
 - o 29 have 0 credit hours
- * 170 certified building inspectors required to have less than 45 credit hours - certified within current training cycle
 - o 68 More than 45 credit hours

b. A suggestion was made to have a *Policy* for New Employees

c. State Building Inspector Harold Leaming would like a review of the HVAC webinars PSD Consulting is providing. Inspector Leaming is claiming there is a lot of mis-information within the trainings.

Residential: Mechanical Systems & Service Water Heating

Commercial: COMcheck Case Study – Simple Commercial Building Case Study

Residential: Equipment Sizing – Manual J and S

Commercial: CMcheck and Your Existing Building Projects

- d. September 7, 2021 In-Person Meeting?
- e. August 1, 2021 – State open 100% - rescind the June 2, 2020 BOCC vote to *freeze* all examination certification requirements.
- f. Adjourn